

DBF81F106 Bluetooth

Applications

For Bluetooth

Specifications

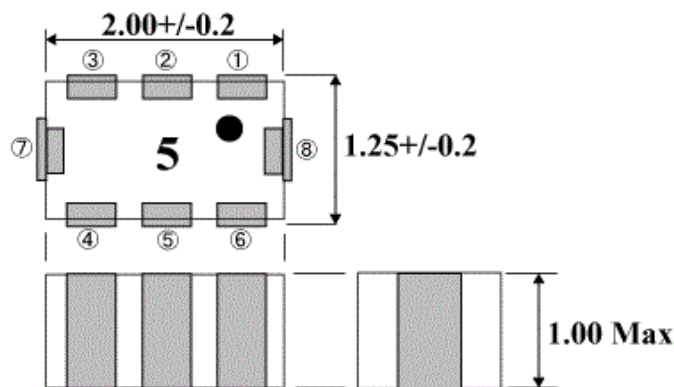
| | |
|------------------------|---|
| DBF81F106 | |
| Unbalance impedance | 50 ohm Nominal |
| Balance impedance | Conjugate match to BC03&BC04-BGA of CSR Nominal |
| Center frequency | 2441MHz |
| Pass band | 2402-2480MHz |
| Insertion loss | 3.5 dB max (at 25 Deg.C) |
| Ripple | 1.0 dB max |
| Unbalance port V.S.W.R | 2.0 max (2402-2480MHz) |
| Balance port V.S.W.R | 2.0 max (2402-2480MHz) |
| Attenuation | 48 dB min (880-960MHz) |
| | 48 dB min (1710-1880MHz) |
| | 40 dB min (1880-1990MHz) |
| | 32 dB min (4804-4960MHz) |
| | 15 dB min (7206-7440MHz) |
| Amplitude balance | 1.0 dB max |
| Phase differential | 180+/-5 Deg. (at 25 Deg.C) |

Order Unit

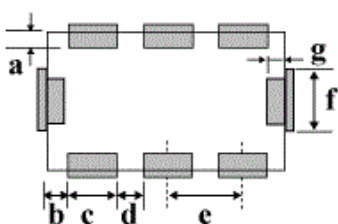
2000pcs/Reel

Dimensions

Dimension(Unit : mm)

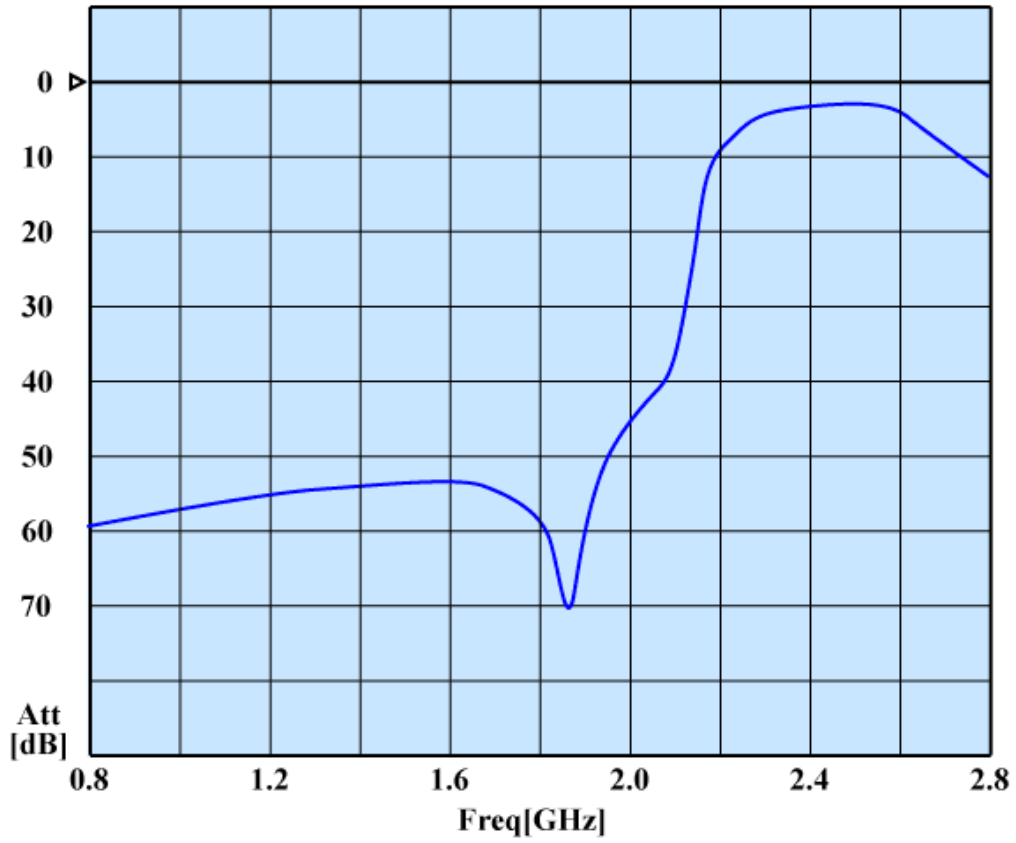


| Terminal | |
|----------|-----------|
| ① | Unbalance |
| ② | DC |
| ③ | NC |
| ④ | Balance |
| ⑤ | GND |
| ⑥ | Balance |
| ⑦ | GND |
| ⑧ | GND |



| Terminal Dimensions | |
|---------------------|---------------|
| a | 0.15 Typ. |
| b | 0.20 +/- 0.15 |
| c | 0.30 +/- 0.10 |
| d | 0.35 +/- 0.10 |
| e | 0.65 +/- 0.10 |
| f | 0.50 +/- 0.10 |
| g | 0.15 Typ. |

Characteristics (Typical) 1



Characteristics (Typical) 2

